

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 2003097890
PUBLICATION DATE : 03-04-03

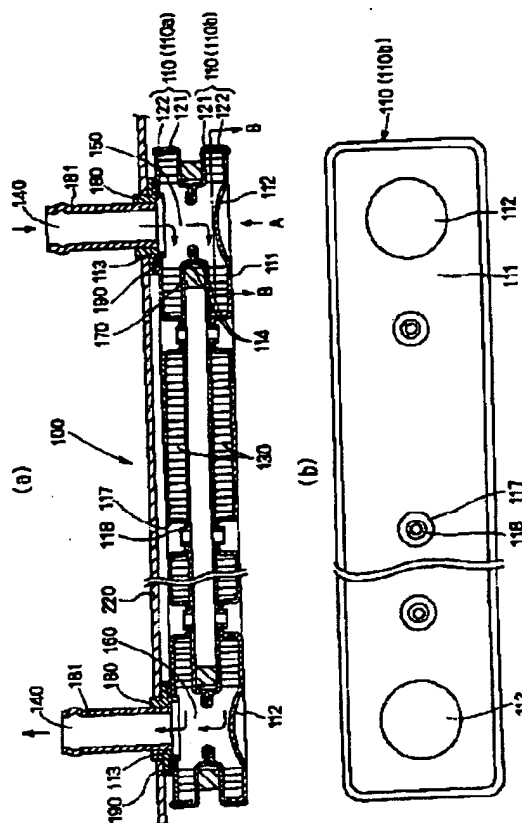
APPLICATION DATE : 25-09-01
APPLICATION NUMBER : 2001291525

APPLICANT : DENSO CORP;

INVENTOR : OZAKI TATSUO;

INT.CL. : F28D 1/03 B60R 16/08 F28F 9/26

TITLE : OIL COOLER



ABSTRACT : PROBLEM TO BE SOLVED: To provide an oil cooler capable of securing pressure-proof strength without using a reinforcement plate, and reducing a cost.

SOLUTION: In this coil cooler, a plurality of tubes 110, each having a flat tube cross section, and including inner fins 130 brazed, are laminated. At both ends of the length of an outermost tube 110a at one side of the lamination, opening parts 140 are opened outward in a laminated direction. From the opening part 140 toward the other outermost tube 110b, an inflow part 150 and an outflow part 160 are formed as space parts where the tubes 110 are communicated with each other. A protruded part 112 is protruded toward the opening part 140 on a wall surface 111 of the other outermost tube 110b on the outer side in the laminated direction in an area opposing the opening part 140. The inner fins 130 in the other outermost tube 110b are extended almost up to an outer circumference of the protruded part 112, and brazed.

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